(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 13 October 2005 (13.10.2005)

PCT

(10) International Publication Number $WO\ 2005/094654\ A1$.

(51) International Patent Classification⁷: A47L 5/32, 9/32

(21) International Application Number:

PCT/GB2005/001184

(22) International Filing Date: 24 March 2005 (24.03.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

04251833.2

0411434.4

29 March 2004 (29.03.2004) EP 21 May 2004 (21.05.2004) GB

(71) Applicant (for all designated States except US): HOOVER LIMITED [GB/GB]; Dragonparc, Abercanaid, Merthyr Tydfil, Mid Glamorgan CF48 IPQ (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MACLEOD, Euan,

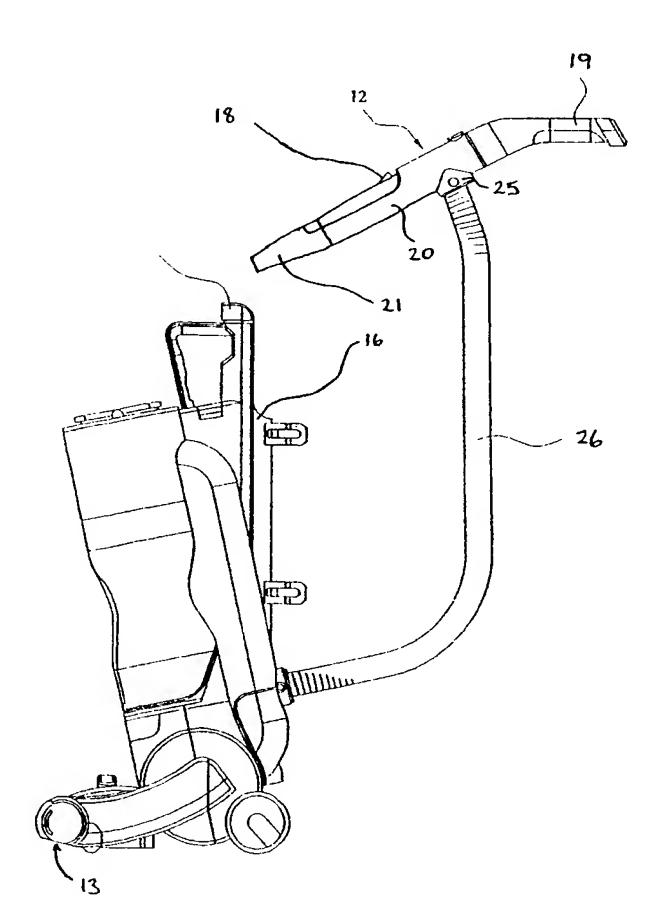
Skinner [GB/GB]: 3/1-12 Naburn Gate, Glasgow G5-0SQ (GB). HENDERSON, Christopher, Richard [GB/GB]: 2/R-30 Flakland Street, Hyndland, Glasgow C12-9QY (GB). RICHARDSON, Ross; 29 Bridgewater Avenue. Auchterarder, Perthshire PH3-1DQ (GB).

(74) Agent: GIBSON, Stewart, Harry: Urquhart-Dykes & Lord LLP. Three Trinity Court, 21-27 Newport Road. Cardiff CF24 0AA (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, HL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: VACUUM CLEANER



(57) Abstract: A vacuum cleaner comprises a floor-engaging portion provided with a first air inlet (13), an upright portion pivotally connected at its lower end to the floor-engaging portion, a handle (12) upstanding from the upper end of the upright portion, a first or lower end of the handle being detachably engaged with an e.g. socket (16) on the upright portion of the cleaner, a rigid tubular duct extending along the handle from a second air inlet at the lower end of the handle to an outlet (25) disposed remote from that end of the handle, and a flexible hose (26) connected to the outlet (25) on the handle: the rigid tubular duct has, at the first end of the handle, an elongate portion which hay either a transverse dimension or a cross-sectional area which is substantially uniform over its length.

WO 2005/094654 A1

- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FJ, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- with international search report